

INSIGNIA™

Quick Setup Guide

NS-E2111 2-way Indoor/Outdoor Speakers

Congratulations on your purchase of a high-quality Insignia product. Your NS-E2111 Insignia speakers are designed to provide exceptional performance and value. These speakers are designed to reproduce music and speech in a home environment at moderate volume levels. When used within their limits, they will provide many years of trouble-free performance.

Package contents



Speakers (2)

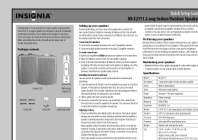
Wall-mount brackets (2)



Screws (4)



Knobs (4)



Quick Setup Guide

Setting up your speakers

For best performance, you must connect the speaker wires correctly. All two-conductor wire is marked in some way to help you do this. One side will be marked with a colored stripe, a raised rib, or a different-color conductor. Use the marked side for the "red" connections.

Connecting the speakers

- 1 Connect the red speaker terminals to the red (+) amplifier terminals.
- 2 Connect the black speaker terminals to the black (-) amplifier terminals.

To verify connections:

- 1 Switch your amplifier to **MONO** and place your speakers close to each other.
- 2 Adjust the balance control so that only one speaker is playing.
- 3 Listen to the bass level and adjust the balance control so that both speakers are playing. If the bass decreases when both speakers are playing, one of the speakers is connected incorrectly, and the positive (+) and negative (-) terminals should have the speaker cables reversed.

Installing the brackets (optional)

You can connect the speakers to wall-mount brackets for elevated wall positioning.

- 1 Screw the wall-mount brackets onto the wall where you want to mount the speakers. If the location is backed by wall studs, you can use the wood screws provided. If the location is backed by only dry wall (gypsum board or other wall material), use wall anchors (not included).
- 2 Slide a speaker into each mounting bracket.
- 3 Line up the screw holes (one on top, one on bottom), then screw a knob into each hole to secure the speaker to the bracket. You can loosen the knob to adjust the direction the speakers are pointing.

Adjusting volume

- If you hear distortion, immediately reduce the volume. Permanent speaker damage can occur within seconds. Distortion indicates that the amplifier or speaker is operating beyond its design limits. Do not ignore distortion just because the volume control is not all the way up.

Most amplifiers deliver full power when the volume control is set near the middle of its range. Using loudness, bass boost, treble boost, or an equalizer can produce full output at even lower settings, so distortion is the only true indicator that damage is imminent.

- Almost any speaker can be used with almost any amplifier, but almost any speaker can be damaged by almost any amplifier (despite either unit's

power rating). Insignia's power recommendations are accurate only if our assumptions concerning the amplifier, the type of music, and the conditions of use are correct. Our most important assumption is that the volume is never set above the point of distortion.

Positioning your speakers

Because of their excellent, off-axis response and dispersion, your speakers' positioning is less critical than for most speakers. Often, placing them where they fit best into the room design is all that is necessary for exceptional performance. If you are installing your speakers outdoors, select locations facing your listening area that are protected from rain and snow, and out of direct sunlight.

Maintaining your speakers

- Maintain the finish of your speakers by wiping the surface with a damp cloth.
- To clean the grilles, you can vacuum them or gently tap them.

Specifications

Model	NS-E2111
Description	2-way multi-purpose indoor/outdoor speaker
Finish	White molded plastic
Grille	Perforated metal (white)
Power	Use with 5-120 watt equipment
Impedance	8 ohms average
Response	50Hz-22kHz
Sensitivity	89 dB 1W-1 m
Woofer	5 1/4" (13.3 cm) polypropylene with rubber surround
Tweeter	5/8" (1.6 cm) liquid-cooled polycarbonate
Crossover	First-order high-pass
Terminals	Gold-plated five-way binding posts
Bracket	Painted steel with plastic knobs
Size	9 3/4" × 6 5/8" × 7 1/4" (H × D × W) (24.7 × 16.7 × 18.5 cm) Depth includes grille, but not bracket. With bracket the depth increases to 7.5" (19.1 cm)

90-day limited warranty

Insignia Products ("Insignia") warrants to you, the original purchaser of this new product ("Product"), that the Product shall be free of defects in the original manufacture of the material or workmanship for a period of ninety (90) days from the date of your purchase of the Product ("Warranty Period"). This Product must be purchased from an authorized dealer of Insignia brand products and packaged with this warranty statement. This warranty does not cover refurbished Product. If you notify Insignia during the Warranty Period of a defect covered by this warranty that requires service, terms of this warranty apply.

How long does the coverage last?

The Warranty Period lasts for 90 days from the date you purchased the Product. The purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a retail store location, take your original receipt and the Product to the store you purchased it from. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from an online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain in-home warranty service for a television with a screen 30 inches or larger, call 1-888-BESTBUY. Call agents will diagnose and correct the issue over the phone or will have an Insignia-approved repair person dispatched to your home. Should the Insignia-approved repair person not correct the issue on the first call, an Insignia television (size and features to be determined by Insignia) will be loaned to you until your TV is repaired and returned, at no charge to you. This feature is only available to Insignia television consumers residing in the United States.

Where is the warranty valid?

This warranty is valid only to the original purchaser of the product in the United States, Canada, and Mexico.

What does the warranty not cover?

This warranty does not cover:

- Customer instruction
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as lightning strikes
- Accident
- Misuse
- Abuse
- Negligence
- Commercial use
- Modification of any part of the Product, including the antenna
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).

This warranty also does not cover:

- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage supply
- Attempted repair by anyone other than a facility authorized by Insignia to service the Product
- Products sold as is or with all faults
- Consumables, such as fuses or batteries
- Products where the factory applied serial number has been altered or removed

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. INSIGNIA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFITS. INSIGNIA PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Contact Insignia:

For customer service, call 1-877-467-4289

www.insigniaproducts.com

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